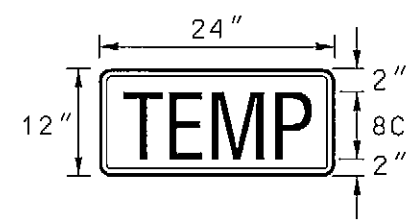


BORDER REV. DATE: June 1, 2004

BY: Kurgansky -

MD 223 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

SIGN DETAIL



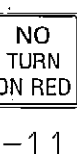
PROPOSED SPAN WIRE MOUNTED SIGNS

13,14



R3-5(L)
(30"x36")

17



R10-11(1)
(24"x30")

11,12



"TEMP" PANEL
(24"x12")
W3-3
(36"x36")

NOTE: SIGNS TO BE INSTALLED
AS PER THE MOT PLANS

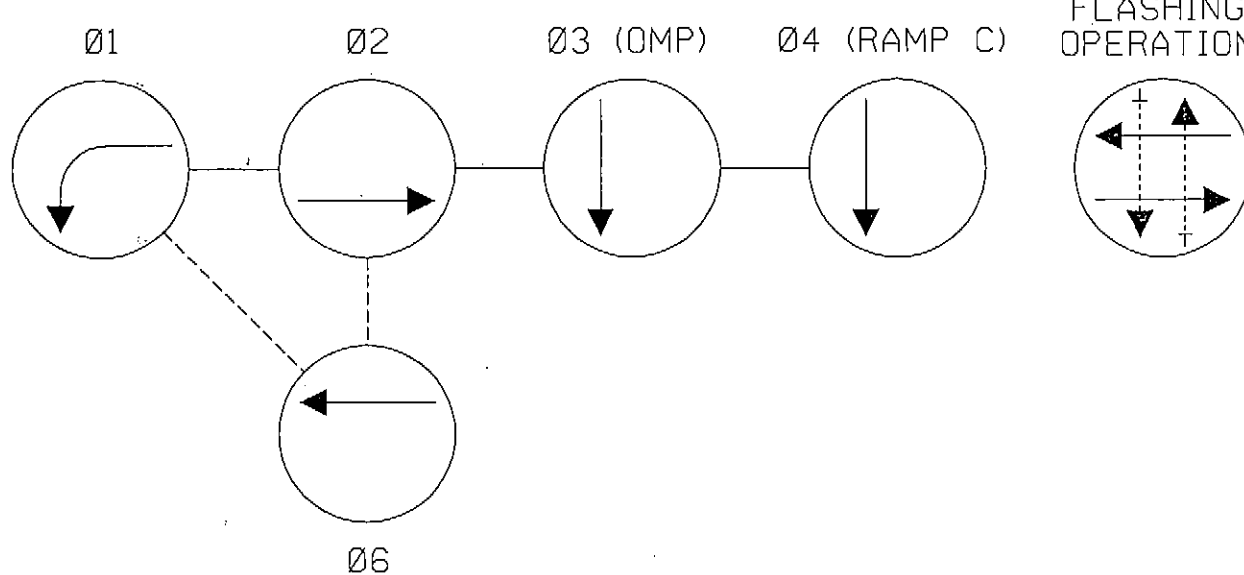
EXISTING SIGNS TO BE COVERED

15,16



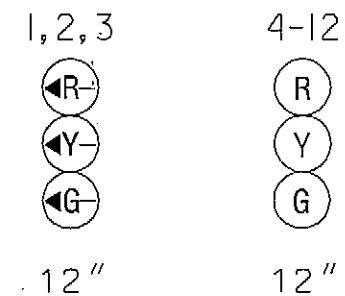
NOTE:
SEE THE MOT PLANS FOR PROPOSED SIGNING
& PAVEMENT MARKINGS INSTALLATION

NEMA PHASING

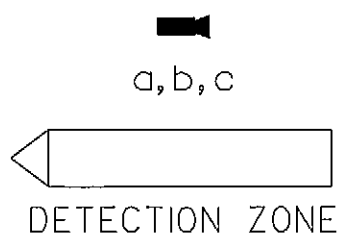


NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED LED SIGNALS



PROPOSED VIDEO DETECTION



CONSTRUCTION DETAILS

- INSTALL 40' CLASS II WOOD POLE WITH 2" ELECTRICAL CONDUIT PVC RISERS, 2" WEATHER HEAD, NEMA SIZE 5 POLE MOUNTED CABINET AND CONTROLLER, VIDEO DETECTION CAMERA AND ARM. A NO.4 STRANDED BARE COPPER GROUND WIRE INSTALLED FROM GROUND ROD TO THE TOP OF THE WOOD POLE AND SECURED TO THE POLE AS PER THE ENGINEER, BACK GUYS, BACK GUYS AND ANY HARDWARE, CLAMPS, MATERIALS AND LABOR REQUIRED FOR THE GROUNDING WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE PER EACH COST OF 40' CLASS II WOOD POLE.
- INSTALL 40' CLASS II WOOD POLE WITH A NO.4 STRANDED BARE COPPER GROUND WIRE INSTALLED FROM GROUND ROD TO THE TOP OF THE WOOD POLE AND SECURED TO THE POLE AS PER THE ENGINEER, BACK GUYS, BACK GUYS AND ANY HARDWARE, CLAMPS, MATERIALS AND LABOR REQUIRED FOR THE GROUNDING WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE PER EACH COST OF 40' CLASS II WOOD POLE.
- INSTALL HANDHOLE.
- USE EXISTING UTILITY POLE FOR POWER SERVICE.
- INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.
- COVER EXISTING GROUND MOUNTED SIGN.
- INSTALL GROUND MOUNTED SIGN.
- INSTALL 3/8" STEEL SPAN WIRE AND SIGNAL CABLE.
- INSTALL 40' CLASS II WOOD POLE WITH SIGNAL, VIDEO DETECTION CAMERA AND ARM. A NO.4 STRANDED BARE COPPER GROUND WIRE INSTALLED FROM GROUND ROD TO THE TOP OF THE WOOD POLE AND SECURED TO THE POLE AS PER THE ENGINEER, BACK GUYS, BACK GUYS AND ANY HARDWARE, CLAMPS, MATERIALS AND LABOR REQUIRED FOR THE GROUNDING WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE PER EACH COST OF 40' CLASS II WOOD POLE.
- INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED. STUB UP AT BASE OF UTILITY POLE AND COIL 35 FT. EACH OF ADDITIONAL CABLE AT BASE.
- INSTALL 5 FT X 5 FT PAD OF 5" CONCRETE SIDEWALK.
- INSTALL 40' CLASS II WOOD POLE WITH VIDEO DETECTION CAMERA AND ARM. A NO.4 STRANDED BARE COPPER GROUND WIRE INSTALLED FROM GROUND ROD TO THE TOP OF THE WOOD POLE AND SECURED TO THE POLE AS PER THE ENGINEER, BACK GUYS, BACK GUYS AND ANY HARDWARE, CLAMPS, MATERIALS AND LABOR REQUIRED FOR THE GROUNDING WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE PER EACH COST OF 40' CLASS II WOOD POLE.
- INSTALL METERED SERVICE PEDESTAL.
- INSTALL 2 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD - STORM DRAIN
G - GAS MAIN
W - WATER MAIN
S - SEWER MAIN
E - ELECTRIC CABLES
A - AERIAL CABLES
T - TELEPHONE CABLES
F - FIBER-OPTIC

OLD MARLBORO PIKE

RAMP C MD 4

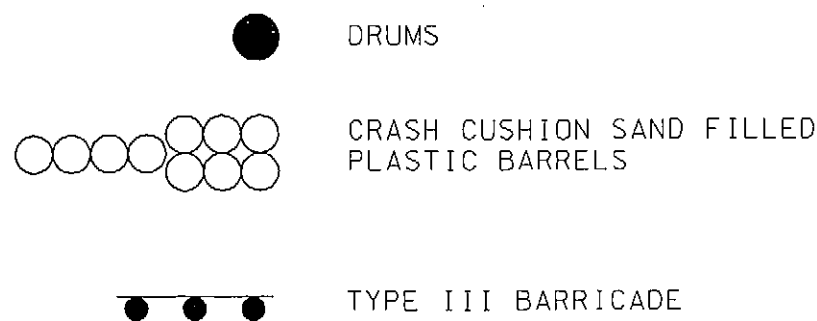
RAMP B MD 4

MD 223 (MELWOOD RD)

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- SEE MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY PAVEMENT MARKING & SIGN DETAILS.
- TRAFFIC SIGNAL SHALL BE INSTALLED DURING PHASE 1 AND THE SIGNAL HEADS SHALL BE BAGGED. SIGNAL WILL BE IN OPERATION DURING PHASE 2, 3A AND 3B. SEE MAINTENANCE OF TRAFFIC PLANS.
- ALL TRAFFIC SIGNAL EQUIPMENT (WOOD POLES, HANDHOLES, ETC) SHALL BE REMOVED AT THE COMPLETION OF PHASE 3B OF CONSTRUCTION. THE REMOVAL OF THESE ITEMS SHALL BE INCIDENTAL TO THE LUMP SUM ITEM REMOVE AND DISPOSE OF EQUIPMENT. THE CONTRACTOR SHALL NOTIFY SHA TO REMOVE THE SIZE '5' CONTROLLER CABINET.

MOT LEGEND



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 4 OVER MD 223
BRIDGE REPLACEMENT
UPPER MARLBORO, MD

TEMPORARY TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 1/18/2012 CONTRACT NO. PG6645180

DESIGNED BY MAW COUNTY PRINCE GEORGE'S
DRAWN BY MAW LOGMILE 16022312.62
CHECKED BY KMP TMS NO. L159
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 10210 DRAWING SG-01 OF 02 SHEET NO. 196 OF 228

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APPROVALS	REVISIONS
	2. ADDENDUM 2 REPLACE SHEETS

PLOTTED: Wednesday, November 14, 2012 AT 09:09 AM
FILE: T:\173124A-TrafficDesignServices\TRF\43\plans\PSG-P001_MD4MD223.dgn